

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082818\
 Data File : VU026405.D
 Acq On : 28 Aug 2018 17:42
 Operator : MD/SY
 Sample : VSTD02046
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02046

Quant Time: Aug 28 23:51:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 28 23:50:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	68328	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	70150	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	37750	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	172892	18.95	ug/L	0.00
7) Chloroethane-d5	1.67	69	130123	19.01	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	296484	19.25	ug/L	0.00
20) 2-Butanone-d5	4.20	46	334723	198.86	ug/L	0.00
24) Chloroform-d	4.65	84	223160	21.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	120595	18.39	ug/L	0.00
32) Benzene-d6	5.34	84	468838	19.53	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	151839	19.07	ug/L	0.00
41) Toluene-d8	7.57	98	452199	20.12	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	61135	21.09	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	305166	237.17	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	118670	19.25	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	169578	19.24	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	125822	19.19	ug/L	99
3) Chloromethane	1.33	50	164785	19.00	ug/L	98
5) Vinyl chloride	1.40	62	172731	19.78	ug/L	99
6) Bromomethane	1.62	94	88838	21.15	ug/L	98
8) Chloroethane	1.69	64	99098	19.28	ug/L	97
9) Trichlorofluoromethane	1.88	101	204030	19.60	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	118496	19.41	ug/L	97
12) 1,1-Dichloroethene	2.28	96	110842	19.80	ug/L	93
13) Acetone	2.32	43	221942	178.59	ug/L	100
14) Carbon disulfide	2.47	76	400783	19.50	ug/L	100
15) Methyl Acetate	2.62	43	63232	18.04	ug/L	99
16) Methylene chloride	2.70	84	124264	17.77	ug/L	98
17) Methyl tert-butyl Ether	3.00	73	282877	20.14	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	120518	19.71	ug/L	95
19) 1,1-Dichloroethane	3.44	63	246723	19.45	ug/L	99
21) 2-Butanone	4.28	43	317508	199.12	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	119040	19.22	ug/L	98
23) Bromochloromethane	4.55	128	48577	19.38	ug/L	99
25) Chloroform	4.68	83	214244	17.57	ug/L	99
27) 1,2-Dichloroethane	5.41	62	134236	19.77	ug/L	96
29) 1,1,1-Trichloroethane	4.91	97	168717	19.15	ug/L	99
30) Cyclohexane	4.99	56	192473	21.36	ug/L	100
31) Carbon tetrachloride	5.13	117	154926	19.50	ug/L	99
33) Benzene	5.39	78	464127	19.94	ug/L	100
34) Trichloroethene	6.18	95	115032	18.30	ug/L	98
35) Methylcyclohexane	6.42	83	198581	22.21	ug/L	97
37) 1,2-Dichloropropane	6.44	63	127336	19.73	ug/L	100
38) Bromodichloromethane	6.76	83	146906	19.36	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	176896	21.58	ug/L	98
40) 4-Methyl-2-pentanone	7.47	43	804569	221.37	ug/L	99

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42) Toluene	7.64	91	498672	21.02	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	149275	22.10	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	77958	19.25	ug/L	95
47) Tetrachloroethene	8.23	164	92552	19.57	ug/L	98
48) 2-Hexanone	8.37	43	590389	219.34	ug/L	98
49) Dibromochloromethane	8.48	129	101232	20.50	ug/L	100
50) 1,2-Dibromoethane	8.59	107	76053	19.86	ug/L	99
51) Chlorobenzene	9.12	112	312092	20.28	ug/L	100
52) Ethylbenzene	9.25	91	557028	22.16	ug/L	98
53) m,p-xylene	9.38	106	212591	22.99	ug/L	96
54) o-xylene	9.78	106	202854	23.19	ug/L	97
55) Styrene	9.80	104	361301	23.58	ug/L	99
56) Isopropylbenzene	10.17	105	545537	23.44	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	107543	20.27	ug/L	97
59) 1,2,3-Trichloropropane	10.50	75	75132	20.15	ug/L	97
61) Bromoform	9.96	173	58476	19.56	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	245199	20.14	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	255590	19.96	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	242602	20.16	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	16232	20.17	ug/L	92
67) 1,3,5-Trichlorobenzene	12.89	180	205988	20.24	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	173862	21.25	ug/L	100
69) Naphthalene	13.74	128	298360	23.88	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	161446	21.33	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

